

JEY Labs Presents



EME Planning Resources

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K6JEY

Lunar weekend calendar 2024

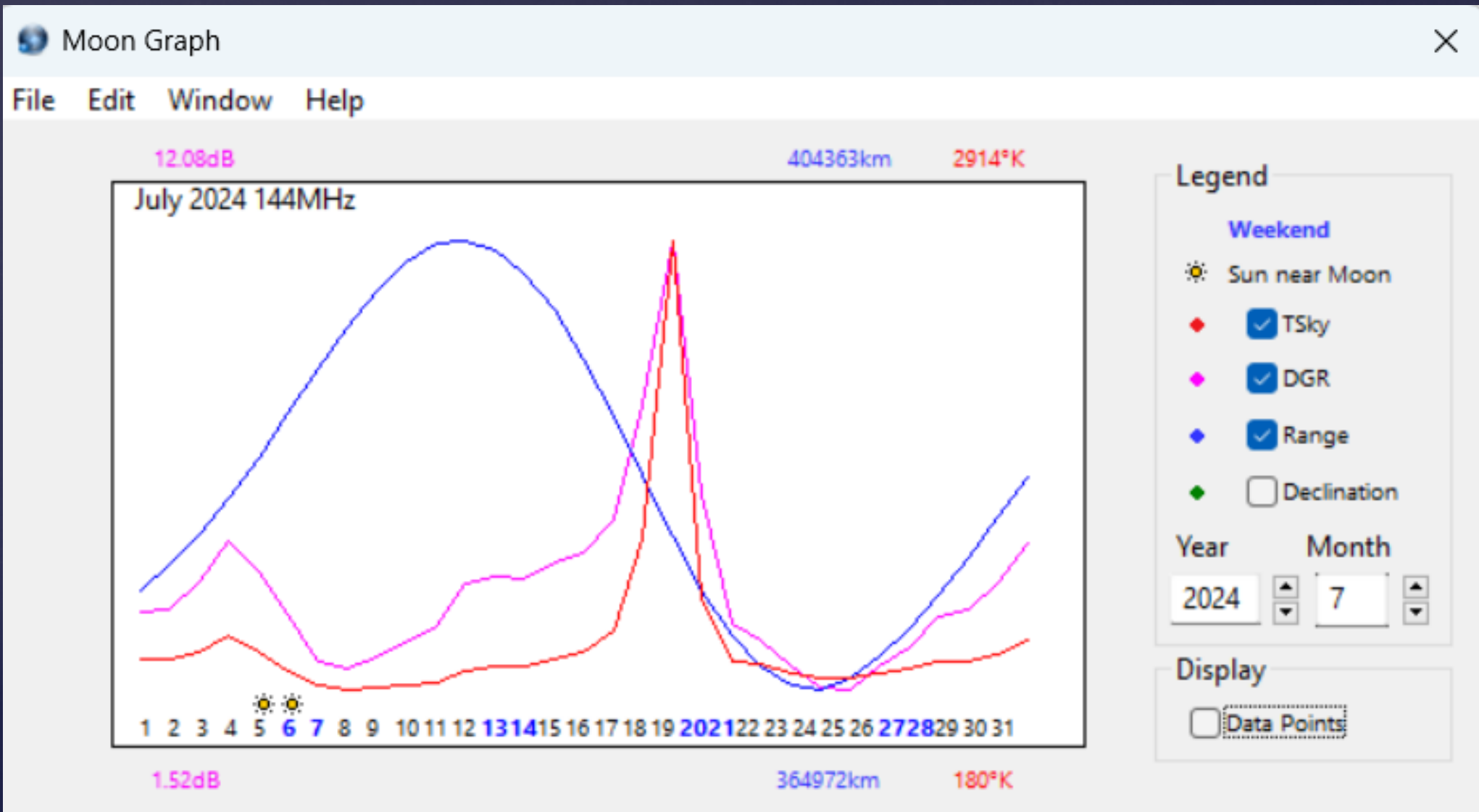
Compiled by DL7APV

2400_Sat/ 0000 Sun	Decl/ °	Loss/ dB	Sun offset/ °	Temp 432/ K	contest dates & meetings	Comments	Planned Expeditions on 432 or up	JO62: Moon Rise/ set (UTC)
Jan 06/07	-20,2	-1,1	61	40		Day(AM)		2-10
Jan 13/14	-16,5	+0	-38	30		Day(PM)		10-17
Jan 20/21	+24,2	-1,1	-123	35	ARRL VHF Tropo	Day(PM)		11-2
Jan 27/28	+13,4	-1,9	151	20		Night	TX5S	18-8
Feb 03/04	-23,2	-1,2	80	40		Day(AM)		1-9
Feb 10/11	-12,9	+0,2	-19	25	Sunday 23cm ssb Fun-contest	Sun close		8-16
Feb 17/18	+26,3	-1,2	-106	45	Sunday REF/DUBUS 432	Day(PM)		10-1
Feb 24/25	+9,6	-2,0	171	20		Night		17-6
Mar 02/03	-25,8	-1,2	99	60	Eu VHF/UHF Tropo	Day(AM)		0-7
Mar 09/10	-9,3	+0,3	1	25		Sun noise	N1V	6-15
Mar 16/17	+27,5	-1,1	-89	45	Sunday REF/DUBUS 3.4GHz	Day(PM)	N1V	8-0
Mar 23/24	+5,5	-2,0	-170	20		Night		16-4
Mar 30/31	-27,9	-1,2	116	120		Moon in south		0-6
Apr 06/07	-5,5	+0,2	22	25	ARI spring contest	Sun close		5-14
Apr 13/14	+27,8	-1,1	-71	40	Sunday REF/DUBUS 2.3GHz Saturday 13cm ssb Fun-contest	Day(PM)		7-23

Moonsked Moongraph shows good weekends in detail

Moonsked Moon graph for July 24

8th is cose to the sun, but good path.



Start

Year

Month

Day

2024

7

6

Finish

Year

Month

Day

2024

7

9

Interval

☐ 1 hour☒ 30 mins☐ 10 mins☐ 1 min

Calculate

☐ Echo Width

Station A

K6IBY

K6JEY

K6KL

K6LEW

K6MBY

K6MXI

Lat

33.8125

Lon

118.125

Loc

DM03wt

Max EL 90°

Min EL 0°

432: 4x25el K1FOs 500W 0.4db

More

<<

>>

Day

v

Today



Home

1296 MHz

Moon Position

Station B

G6RAF

G6TEL

G6TUS

G6URM

G6UT

G6XRK

Lat

51.77083

Lon

-0.125

Loc

JO01bs

Max EL 90°

Min 5°

DATE	UTC	AZ A	EL A	MNR	POL	AZ B	EL B	GHA	DEC	DGR	TSky	RGE Km	DOP
2024-07-06 Saturday	13:30	060°	+2°	2 dB	-70°	206°	+62°	13°	+26°	1.5dB	3°K	389351	+738 Hz
2024-07-06 Saturday	14:00	064°	+7°	0 dB	-81°	218°	+60°	20°	+26°	1.5dB	3°K	389432	+648 Hz
2024-07-06 Saturday	14:30	067°	+13°	0 dB	-90°	229°	+57°	27°	+26°	1.5dB	3°K	389513	+542 Hz
2024-07-06 Saturday	15:00	071°	+18°	0 dB	+83°	239°	+53°	34°	+26°	1.5dB	3°K	389594	+421 Hz
2024-07-06 Saturday	15:30	074°	+24°	1 dB	+78°	247°	+49°	41°	+26°	1.6dB	3°K	389675	+287 Hz
2024-07-06 Saturday	16:00	077°	+30°	1 dB	+74°	254°	+45°	49°	+26°	1.6dB	3°K	389756	+143 Hz
2024-07-06 Saturday	16:30	081°	+36°	2 dB	+72°	261°	+40°	56°	+26°	1.6dB	3°K	389837	-10 Hz
2024-07-06 Saturday	17:00	084°	+42°	2 dB	+70°	267°	+36°	63°	+26°	1.6dB	3°K	389918	-171 Hz
2024-07-06 Saturday	17:30	088°	+48°	2 dB	+70°	272°	+31°	70°	+26°	1.6dB	3°K	389999	-335 Hz
2024-07-06 Saturday	18:00	092°	+54°	2 dB	+70°	278°	+27°	78°	+26°	1.6dB	3°K	390081	-502 Hz
2024-07-06 Saturday	18:30	096°	+60°	2 dB	+72°	283°	+22°	85°	+26°	1.6dB	3°K	390162	-669 Hz
2024-07-06 Saturday	19:00	103°	+66°	1 dB	+75°	288°	+18°	92°	+26°	1.6dB	3°K	390243	-833 Hz
2024-07-06 Saturday	19:30	111°	+72°	0 dB	+82°	293°	+14°	99°	+26°	1.6dB	3°K	390324	-991 Hz
2024-07-06 Saturday	20:00	126°	+77°	0 dB	-85°	299°	+10°	107°	+26°	1.6dB	3°K	390405	-1141 Hz
2024-07-06 Saturday	20:30	154°	+81°	7 dB	-58°	304°	+6°	114°	+26°	1.6dB	3°K	390486	-1281 Hz

Moonsked for 2meters
same date and stations

Note Tsky, Dop and DGR change
Sunday is better
Different than 1296MHz

K6JEY

432: 4x25el K1FOs 500W 0.4db

Max EL 90°

Min EL 0°

Home

144 MHz

Moon Position

G6UT

Max EL 90°

Min 5°

DATE	UTC	AZ A	EL A	MNR	POL	AZ B	EL B	GHA	DEC	DGR	TSky	RGE Km	DOP
2024-07-06 Saturday	18:00	092°	+54°	2 dB	+70°	278°	+27°	78°	+26°	2.8dB	251°K	390081	-56 Hz
2024-07-06 Saturday	18:30	096°	+60°	2 dB	+72°	283°	+22°	85°	+26°	2.8dB	248°K	390162	-74 Hz
2024-07-06 Saturday	19:00	103°	+66°	1 dB	+75°	288°	+18°	92°	+26°	2.7dB	245°K	390243	-93 Hz
2024-07-06 Saturday	19:30	111°	+72°	0 dB	+82°	293°	+14°	99°	+26°	2.7dB	242°K	390324	-110 Hz
2024-07-06 Saturday	20:00	126°	+77°	0 dB	-85°	299°	+10°	107°	+26°	2.6dB	239°K	390405	-127 Hz
2024-07-06 Saturday	20:30	154°	+81°	7 dB	-58°	304°	+6°	114°	+26°	2.6dB	236°K	390486	-142 Hz
2024-07-07 Sunday	14:30	063°	+1°	2 dB	-71°	207°	+59°	14°	+23°	2.1dB	194°K	393382	+83 Hz
2024-07-07 Sunday	15:00	067°	+7°	0 dB	-81°	219°	+56°	22°	+23°	2.1dB	193°K	393461	+72 Hz
2024-07-07 Sunday	15:30	071°	+12°	0 dB	-89°	229°	+53°	29°	+23°	2.0dB	192°K	393541	+60 Hz
2024-07-07 Sunday	16:00	074°	+18°	0 dB	+85°	238°	+49°	36°	+23°	2.0dB	191°K	393620	+46 Hz
2024-07-07 Sunday	16:30	078°	+24°	0 dB	+81°	246°	+45°	43°	+23°	2.0dB	190°K	393699	+30 Hz
2024-07-07 Sunday	17:00	082°	+30°	1 dB	+77°	253°	+41°	51°	+23°	2.0dB	189°K	393777	+14 Hz
2024-07-07 Sunday	17:30	085°	+36°	1 dB	+75°	260°	+37°	58°	+23°	2.0dB	188°K	393856	-4 Hz
2024-07-07 Sunday	18:00	089°	+42°	1 dB	+74°	266°	+32°	65°	+23°	2.0dB	187°K	393935	-23 Hz
2024-07-07 Sunday	18:30	093°	+48°	1 dB	+74°	271°	+27°	72°	+23°	2.0dB	186°K	394013	-42 Hz